

CLAIMS**Listing of Claims:**

1. (Previously Presented) An interactive computer-implemented system for specifying and executing temporal order events, comprising:

a constraint component that receives loose temporal constraints associated with a plurality of events; and

an order component that determines an event order in accordance with the loose temporal constraints and selects an optimal event order based at least in part on execution system information, wherein the event order specifies the execution order of events.

2. (Original) The system of claim 1, wherein the constraint is an event start and/or a stop time.

3. (Original) The system of claim 1, wherein the constraint is event duration.

4. (Original) The system of claim 1, wherein the constraint is a filter.

5. (Original) The system of claim 1, further comprising a system information component that provides information about an execution system to the order component to facilitate selection of an optimal event order.

6. (Original) The system of claim 5, the information about an executing system includes available memory.

7. (Original) The system of claim 5, the information about an execution system includes data throughput rate.

8. (Previously Presented) An interactive computer-implemented system for specifying and executing temporal order events, comprising:

*pls enter AIC 8/17/07*